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OCEANOGRAPHIC  
SHIP OPERATING  
SCHEDULES

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FISCAL YEAR

1964

INTERAGENCY COMMITTEE ON OCEANOGRAPHY  
*of the*  
FEDERAL COUNCIL FOR SCIENCE AND TECHNOLOGY  
*United States of America*

## FOREWORD

The Interagency Committee on Oceanography publishes annually the planned schedules, type of work, and general areas of operation for all government owned or sponsored oceanographic ships of the United States. The first edition of the Oceanographic Ship Operating Schedules (ICO Pamphlet No. 1) was published in March 1961.

This present document, uses the same general format as previous issues and includes the most recent additions to our oceanographic fleet. Requests for use of visiting scientist berths should be submitted directly to the agency, laboratory, or institution sponsoring the particular cruise. Dates, areas of operations, and space available for other scientists are for general planning purposes only and are subject to change as the needs of the sponsors may require.

It is hoped that this publication will encourage coordination of cruises among agencies, increase the direct exchange of information in areas of mutual interest, and, where feasible, lead to the accommodation of instrumentation and scientific personnel for certain cruises so that all available platforms are fully utilized. Where interested activities are unable to participate directly in operations aboard ship, this publication will provide information to assist in applying to the National Oceanographic Data Center, Navy Yard, Washington 25, D. C. for the processed data obtained from these or prior cruises.

JAMES H. WAKELIN, JR.  
Chairman  
Interagency Committee  
on Oceanography

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# FISCAL YEAR 1964 SHIP OPERATING SCHEDULE

The type of work performed on each cruise is described according to the following code:

B - Bottom Sample	Inst - Instrument development
Ba - Bathymetry	M - Meteorology
Bf - Bottom Photography	Ma - Magnetism
Be - Benthos	P - Plankton
Bt - Bathymograph	Sa - Salinity
Ch - Chemistry	Sei - Seismology
Co - Complex oceanography (all phases)	St - Student Training
Cu - Currents	T - Temperature
F - Fisheries	Tl - Tides
G - Gravity	U - Underwater Acoustics
GS - Coastal Geodetic Survey	W - Waves
I - Ichthyology	

Vessel	Area of Operation	Type of Work	Space Avail. for Scientists from Other Organ.	Cruise Period
Activity: Bureau of Commercial Fisheries				
**Vessel: CHARLES H. GILBERT/	Hawaiian Islands 150°	Bt, F, M, P, Sa	No	7/8/63 -
Year Built: 1952	15°N - 20°W			8/1/63
Length: 123 feet	Hawaiian Islands	Co	No	8/20/63 -
Displacement: 383 tons	South Pacific Ocean	Bt, F, M, P, Sa	NO	8/30/63 -
Tech. Comp.: 5	30°S - 165°E - 170°W			10/7/63 -
Home Port: Honolulu, Hawaii	Hawaiian Islands	Bt, F, M, P, Sa	No	12/20/63
	2° - 5°N, 165°W			1/9/64 -
				3/9/64

\*\*1/ Or year of acquisition by BCF.

Vessel	Area of Operation	Type of Work	Space Avail. for Scientists from Other Organ.	Cruise Period
Activity: Bureau of Commercial Fisheries **Vessel: TOWNSEND CROMWELL2/ Year Built: 1963 Length: 158 feet Displacement: 600 tons (est.) Tech. Comp.: 8 Home Port: Honolulu, Hawaii	Central Pacific 100- 22N, 1450 - 1550W	Co	No	2/64 - 5/64
Vessel to be chartered	Central North Pacific and Gulf of Alaska	F	No	8-12 week cruise periods
Activity: Bureau of Commercial Fisheries Vessel: MURRE II Year Built: 1943 Length: 86 feet Displacement: 250 tons Tech. Comp.: 5 Home Port: Juneau, Alaska	Auke Bay, Chatham Strait Frederick Sound	Bt, Ch, I, P, Sa, T	2	20 days per month May - October
Activity: Bureau of Commercial Fisheries Vessel: CHINOOK Year Built: 1938 Length: 35 feet Displacement: 8 tons Tech. Comp.: 2 Home Port: Kasitsna Bay, Alaska	Kachemak Bay	Ba, F, P, Sa, T	1	Three 1-day cruises per week, all year in vicinity of Kachemak Bay
Vessel to be chartered	Central Alaska Gulf of Alaska	B, Ba, Be, Bt, F, I	No	Summer 1963 Late Spring 1964

\*\*2/ Under construction.



Vessel	Area of Operation	Type of Work	Space Avail. for Scientists from Other Organ.	Cruise Period
Activity: Bureau of Commercial Fisheries Vessel: JOHN N. COBB Year built: 1950 Length: 93 feet Displacement: 250 tons Tech. Comp.: 4 Home Port: Seattle, Washington	Oregon and Washington coastal waters to 250 miles offshore  Alaska - vicinity of Shumagin Islands  Oregon and Washington Continental Shelf Waters  Northern Oregon Continental Shelf & Slope waters  Oregon and Washington Continental Shelf waters	Bt, Ch, F, Sa  Bt, F  B, Be, Bt, F, I  B, Be, F, I, T  B, Be, Bt, F, I	2  2  2  1  2	5/63  8/63 - 9/63  10/63 - 11/63  1/64 - 2/64  3/64 - 5/64
Activity: Bureau of Commercial Fisheries **Vessel: COMMANDO3/ Year built: 1945 Length: 65 feet Displacement: 69 tons Tech. Comp.: 5 Home Port: Seattle, Washington	Northern Oregon from 50 to 1,000 fathoms	B, Be, F, I, Sa, T	No  No  No	8/63 - 9/63  10/63 - 11/63  4/64 - 5/64

\*\*3/ Chartered vessel.

Vessel	Area of Operation	Type of Work	Space Avail. for Scientists from Other Organ.	Cruise Period
Activity: Bureau of Commercial Fisheries Vessel: GEORGE B. KELEZ Year built: 1944 Length: 167 feet Displacement: 500 tons Tech. Comp.: 6 Home Port: Seattle, Washington	Aleutian area Off Washington coast Bering Sea Off Washington coast	Bt, F Co Bt, F Co	2 1 2 No	7/63 - 9/63 11/63 1/64 - 3/64 4/64
Vessel to be chartered	Aleutian area	Bt, F	2	7/63 - 9/63
Activity: Bureau of Commercial Fisheries Vessel: BLACK DOUGLAS Year built: 1938 Length: 152 feet Displacement: 371 tons Tech. Comp.: 5 Home Port: San Diego, California	Santa Barbara to Pt. Descanso, Baja Calif. Cape Colnett to Pt. San Juanico, Baja Calif. Channel Island area to San Diego, Calif. Pt. Arguello to San Pedro, Calif.	Bt, Ch, P, Sa, T Bt, P, Sa, T Same Bt, F, I, P, Sa, T	5 7 6 5	7/16/63 - 7/23/63 7/24/63 - 8/7/63 8/13/63 - 8/23/63 9/3/63 - 9/10/63
	San Diego to Cape San Lucas, Baja Calif., off- shore	Same	5	9/11/63 - 9/30/63
	Santa Barbara to Pt. Descanso	Bt, Ch, P, Sa, T	5	10/8/63 - 10/15/63

Vessel	Area of Operation	Type of Work	Space Avail. for Scientists from Other Organ.	Cruise Period
Vessel: BLACK DOUGLAS (cont.)	Cape Colnett to Pt. San Juanico, Baja Calif.	Bt, P, Sa, T	7	10/16/63 - 10/29/63
	Channel Island area to San Diego	Bt, P, Sa, T	6	11/5/63 - 11/23/63
	Santa Barbara to Pt. Descanso, Baja Calif	Bt, Ch, P, Sa, T	5	1/28/64 - 2/4/64
	Inshore Calif. waters	Bt, P, Sa, T	7	2/5/64 - 2/19/64
	Santa Barbara to Pt. Descanso, Baja Calif.	Bt, Ch, P, Sa, T	5	4/7/64 - 4/14/64
	Inshore Calif. waters	Bt, P, Sa, T	5	4/15/64 - 4/29/64
	250 miles offshore Baja and southern Calif.	Bt, F, M, T	No	7/15/63 - 8/15/63
	Offshore Costa Rica	Bt, F	1	10/1/63 - 10/31/63
	Tres Marias Islands off Baja Calif	F, T	1	1/1/64 - 1/31/64
Vessel to be chartered	Offshore Costa Rica	Bt, F, T	2	2/15/64 - 5/15/64

Vessel	Area of Operation	Type of Work	Space Avail. for Scientists from Other Organ.	Cruise Period
Vessel to chartered (cont.)	700 miles offshore Baja and southern Calif.	Bt, Ch, F, M, P, Sa, T	3	5/25/64 - 6/30/64
Activity: Bureau of Commercial Fisheries				
** Vessel: SILVER BAY3/	Offshore	F, I	5	7/16/63 - 8/2/63
Year built: 1956	Florida	B, F	5	8/20/63 - 9/6/63
Length: 96 feet	Bahamas	B, F, I	5	9/23/63 - 10/16/63
Displacement: 163 tons	Florida	B, F	5	11/14/63 - 11/16/63
Tech. Comp.: 4	South Carolina	F	5	12/2/63 - 12/14/63
Home Port: Brunswick, Georgia	Florida	B, F	5	1/7/64 - 1/24/64
	North & South Carolina	F, I	5	2/11/64 - 3/1/64
	Georgia & Florida	F, I	5	3/17/64 - 4/5/64
	Florida	B, F	5	4/28/64 - 5/15/64
	Open (North of Hatteras if not otherwise used)	F	5	6/2/64 - 6/19/64
Activity: Bureau of Commercial Fisheries				
Vessel: GEORGE M. BOWERS	Florida Keys	F, Inst.	1	7/1/63 - 8/5/63
Year built: 1956	Panama City, Fla.	F, Inst.	2	8/15/63 - 9/1/63
Length: 74 feet	(day trips)	"	"	
Displacement: 91 tons	"	"	2	10/1/63 - 11/15/63
Tech. Comp.: 2				
Home Port: Panama City, Fla.				

\*\*3/ Chartered vessel.

Vessel	Area of Operation	Type of Work	Space Avail. for Scientists from Other Organ.	Cruise Period
Vessel: GEORGE M. BOWERS (cont.)	Panama City, Fla. (day trips)	F, Inst.	2	1/10/64 - 2/20/64
	"	"	"	3/5/64 - 4/10/64
	Tampa to Key West		1	5/1/64 - 6/15/64
Activity: Bureau of Commercial Fisheries				
Vessel: OREGON	Pascagoula to Tortugas	Be, F	2	7/22/63 - 8/23/63
Year built: 1946	Key West to Campeche	Be, I		
Length: 100 feet	North coast of Venezuela	F, I	2	9/17/63 - 11/1/63
Displacement: 219 tons	Caribbean	Be		
Tech. Comp.: 3				
Home Port: Pascagoula, Miss.				
	Pascagoula to Tortugas	Be, F	2	11/18/63 - 12/13/63
	Key West to Campeche	Bp, I		
	Texas coast	Be, F, I	2	1/16/64 - 1/31/64
				2/17/64 - 3/13/64
	Campeche Banks	F, I	2	4/6/64 - 4/24/64
	North Coast of Venezuela	Be, F, I	2	5/5/64 - 6/19/64
	Caribbean			
Vessel to be chartered	Continental Shelf, Gulf of Mexico from Mobile Bay to Rio Grande River	B, Be, Bt, Cu, F, I, P, Sa, T	2	7/15/63 - 7/29/63
				8/13/63 - 2/27/63
				9/11/63 - 9/25/63
				10/14/63 - 10/28/63
				11/12/63 - 11/26/63
				12/9/63 - 12/23/63

Vessel	Area of Operation	Type of Work	Space Avail. for Scientists from Other Organ.	Cruise Period
Activity: Bureau of Commercial Fisheries Vessel: KINGFISH Year built: 1954 Length: 43 feet Displacement: 10 tons Tech. Comp.: 4 Home Port: St. Petersburg, Fla.	Bays & coastal waters west coast of Florida	Ch, F, P, Sa, T	1	Short 1-day cruises, 5-10 per month
Activity: Bureau of Commercial Fisheries Vessel: ALBATROSS IV Year built: 1962 Length: 187 feet Displacement: 1,000 tons Tech. Comp.: 12 Home Port: Woods Hole, Mass.	Nova Scotia, to Hudson Canyon Gulf of Maine Georges Bank Nova Scotia to Hudson Canyon	Bt, F, I  Bt, F Co	4 5 6 5	7/9/63 - 7/22/63 7/25/63 - 8/6/63 8/13/63 - 8/22/63 9/3/63 - 9/12/63 9/24/63 - 10/4/63
	"	Bt, F, I	4	10/14/63 - 10/28/63
	Gulf of Maine	"	7	11/4/63 - 11/14/63
	"	"	"	11/25/63 - 12/4/63
	"	"	"	1/6/64 - 1/15/64
	Nova Scotia to Hudson Canyon	"	4	1/22/64 - 2/5/64
	"	"	5	2/11/64 - 2/25/64
	"	Co		3/9/64 - 3/23/64

Vessel	Area of Operation	Type of Work	Space Avail. for		Cruise Period
			Scientists from	Other Organ.	
Vessel: ALBATROSS IV (cont.)  Year built: 1950 Length: 147 feet Displacement: 518 tons Tech.Comp.: 4 Home Port: Gloucester, Mass.	Gulf of Maine	Bt,F,I	7		3/31/64 - 4/10/64
	Nova Scotia to Hudson Canyon	CO	5		4/20/64 - 5/4/64
	Georges Bank	Bt,F,	6		5/11/64 - 5/21/64
	"	B,Be,Bt	7		6/1/64 - 6/10/64
	Gulf of Maine & Georges Bank	F, Inst	2-3		7/8/63 - 7/19/63 7/29/63 - 8/9/63 8/19/63 - 8/30/63
	Continental Slope off Nova Scotia	Bt,F,M,P,Sa,T	2-3		9/9/63 - 9/13/63
	"	Be,F	2-3		9/23/63 - 10/4/63
	"	Be,Bt,F,T	2-3		10/9/63 - 10/18/63
	Gulf of Maine & Georges Bank	Bt,F,M,P,Sa,T	2-3		10/22/63 - 10/26/63
	So. Cape Cod & Offshore	Bt,F,T	2-3		11/4/63 - 11/15/63
	Gulf of Maine & Georges Bank	Bt,F,M,P,Sa,T	2-3		11/19/63 - 11/23/63
	So. Cape Cod & Offshore	Bt,F,T	2-3		12/2/63 - 12/13/63

Vessel	Area of Operation	Type of Work	Space Avail. for Scientists from Other Organ.	Cruise Period
Vessel: DELAWARE (cont.)	Cape Hatteras to Cape May	Be, F, P, T	2-3	1/13/63 - 1/24/64 2/3/64 - 2/14/64 2/24/64 - 3/6/64
	Northwest Atlantic	Bt, F, T	2-3	3/16/64 - 3/27/64 4/6/64 - 4/17/64
	Gulf of Maine & Georges Bank	F, Inst	2-3	4/27/64 - 5/8/64 5/18/64 - 5/29/64 6/8/64 - 6/19/64
Vessel: PHALAROPE II Year built: 1932 Length: 40 feet Displacement: 10 tons Tech. Compl.: 2 Home Port: Boothbay Harbor, Me.	Cape Small to Pemaquid Point, Me.	Bt, F, Inst, M, P, Sa, T	1	5-day cruises every other week
Vessel: RORQUAL Year built: 1941 Length: 65 feet Displacement: 50 tons Tech. Comp.: 4 Home Port: Gloucester, Mass.	Cape Cod to Passama - quoddy Bay, Maine Coast	Bt, F, Inst, M, P. Sa, T, hansp	1	12-day cruises, Sep, Nov, Jan, Mar-June
Vessel: SHANG WHEELER Year built: 1950 Length: 50 feet Displacement: 25 tons Tech. Comp.: 4 Home Port: Milford, Conn.	Bridgeport - New Haven area of Long Island Sound	F, P, Sa, T	1-2	Short 1-day cruises throughout year



Vessel	Area of Operation	Type of Work	Space Avail. for Scientists from Other Organ.	Cruise Period
Vessel: ALOSA Year built: 1941 Length: 48 feet Displacement: 19 tons Tech. Comp.: 3 Home Port: Oxford, Md.	Upper Chesapeake Bay and tributaries	B, Ch, P, S, Sa, T	1	Short 1-3 day throughout year
Vessel to be chartered	Coast of New Jersey Delaware, Maryland, Virginia	Be, Cu, F, P, Sa, T	?	Monthly trips
Vessel: LOUISE Year built: 1948 Length: 39 feet Displacement: 9 tons Tech. Comp.: 3 Home Port: Franklin City, Va.	Chincoteague Bay	Ch, Cu, F, Sa, T oyster dredging	1	Short 1-3 day throughout year
Vessel: GERONIMO Year built: 1962 Length: 147 feet Displacement: 760 tons Tech. Comp.: 12 Home Port: Washington, D. C.	Gulf of Guinea	Co	9	7/5/63 - 10/1/63
			8	3/1/64 - 6/1/64
**Vessel: UNDAUNTED 4/ Year built: 1963 Length: 147 feet Displacement: 760 tons Tech. Comp.: Home Port: Washington, D. C.	Gulf of Guinea	Co	8	3/1/64 - 6/1/64

\*\*In process of acquisition.

Vessel	Area of Operation	Type of Work	Space Avail. for Scientists from Other Organ.	Cruise Period
Activity: National Science Foundation				
Vessel: ELTANIN	Antarctica	Co	Yes	60 days at sea
Year built: 1957	50°S to ice pack			and 10 days in port
Length: 266 feet				for entire fiscal
Displacement: 3800 tons				year
Tech. Comp.: 32				
Home Port: Valparaiso, Chile				
Vessel: ANTON BRUUN				
Year built:	Indian Ocean	Cu, Sa, T, F, I, P	Yes	Entire fiscal year
Length: 243 feet				will be spent in
Displacement: 1700 tons				Indian Ocean
Tech. Comp.: 15				
Home Port: Bombay, India				
Activity: U. S. Coast and Geodetic Survey				
Vessel: BOWIE	Cook Inlet, Alaska	B, Ba, Cu, Ti	No	7/1/63 - 9/1/63
Year built: 1943	Prince William Sound, Alaska			
Length: 136 feet				
Displacement: 267 tons				
Tech. Comp.: 4				
Home Port: Seattle, Washington				
Vessel: EXPLORER				
Year built: 1940	Continental Shelf	B, Ba, Bf, Bt, Ch,	2	7/1/63 - 10/15/63
Length: 219.6 feet	N.C.	Cu, M, Ma, Sa, T,		2/6/64 - 6/30/64
Displacement: 1900 tons	Puerto Rico	Ti		
Tech. Comp.: 21				
Home Port: Norfolk, Virginia				

Vessel	Area of Operation	Type of Work	Space Avail. for Scientists from Other Organ.	Cruise Period
Vessel: HODGSON Year built: 1943 Length: 136 feet Displacement: 267 tons Tech. Comp.: 4 Home Port: Seattle, Washington	Admiralty Inlet, Washington Keka Straits, Alaska	B, Ba, Cu, Ti	No	7/1/63 - 10/10/63 4/9/64 - 6/30/64
Vessel: HYDROGRAPHER Year built: 1930 Length: 164.5 feet Displacement: 1160 tons Tech. Comp.: 9 Home Port: St. Petersburg, Florida	Straits of Florida Sabine Bank, Texas Straits of Florida	B, Ba, Bt Cu, Ti	No	7/1/63 - 8/15/63 8/16/63 - 10/15/63 4/2/64 - 6/30/64
Vessel: LESTER JONES Year built: 1940 Length: 88 feet Displacement: 157 tons Tech. Comp.: 3 Home Port: Seattle, Washington	Clarence Strait, Alaska Admiralty Inlet, Washington	B, Ba, Cu, Ti	No	7/1/63 - 9/30/63 4/2/64 - 6/30/64
Vessel: MARMER Year built: 1932 Length: 100.7 feet Displacement: 270 tons Tech. Comp.: 3 Home Port: Norfolk, Virginia	Tampa Bay, Florida Chesapeake Bay, Maryland Long Island Sound Gulf of Mexico	B, Ti, Cu	No	7/1/63 - 7/31/63 8/1/63 - 9/30/63 10/1/63 - 11/30/63 2/2/64 - 6/30/64

Vessel	Area of Operation	Type of Work	Space Avail. for Scientists from Other Organ.	Cruise Period
Vessel: PATHFINDER Year built: 1942 Length: 229.3 feet Displacement: 2000 tons Tech. Comp.: 20 Home Port: Seattle, Washington	Aleutian Islands Hawaiian Islands	B, Ba, Bt, Cu, Ma, Sa, T, Ti	2	7/1/63 - 9/30/63 4/2/64 - 6/30/64
Vessel: PATTON Year built: 1941 Length: 88 feet Displacement: 154 tons Tech. Comp.: 3 Home Port: Seattle, Washington	Thorn Arm, Alaska	B, Ba, Cu, Ti	No	7/1/63 - 9/30/63 4/9/64 - 6/30/64
Vessel: PEIRCE Year built: 1963 Length: 163 feet Displacement: 760 tons Tech. Comp.: 10 Home Port: Savannah, Georgia	Continental Shelf, S. C.	B, Ba, Bf, Bt, Cu, Ma, Sa, T, Ti	2	7/1/63 - 10/15/63 2/9/64 - 6/30/64
Vessel: PIONEER Year built: 1943 Length: 311.6 feet Displacement: 2600 tons Tech. Comp.: 15 Home Port: Oakland, California	North Pacific Ocean between Hawaiian Archipelago and Alaska Indian Ocean, Bay of Bengal	Co	6	7/1/63 - 10/30/63 2/6/63 - 6/30/64
Vessel: SURVEYOR Year built: 1960 Length: 292.3 feet Displacement: 3150 tons Tech. Comp.: 21 Home Port: Seattle, Washington	North Pacific Ocean between Hawaiian Archipelago and Alaska	Co	6	7/1/63 - 10/30/63 2/6/64 - 6/30/64

Vessel	Area of Operation	Type of Work	Space Avail. for		Cruise Period
			Scientists from	Other Organ.	
Vessel: WHITING Year built: 1963 Length: 163 feet Displacement: 760 tons Tech. Comp.: 10 Home Port: Norfolk, Va.	Nantucket Island, Mass., Continental Shelf S. C.	B, Ba, Bf, Bt, Cu, Ma, Sa, T, Ti	2		7/1/63 - 9/30/63 2/9/64 - 6/30/64
Activity: U. S. Coast Guard Vessel: EVERGREEN Year built: 1944 Length: 180 feet Displacement: 1100 tons Tech. Comp.: 7 Home Port: Boston, Mass.	Grand Banks Labrador Sea Davis Straits	Ba, Bt, Ch, Cu, Inst, Sa, T	2		Jul - Aug 1963 Apr - Jul 1964
Vessel: NORTHWIND Year built: 1945 Length: 269 feet Displacement: 6900 tons Tech. Comp.: 14 Home Port: Seattle, Washington	Chukchi and East Siberian Seas  Beaufort and Chukchi Sea	Co  G, M, Ma, Sei, Un	4  6		1 Aug - 25 Sep 1963  1 Oct - 30 Oct 1963
Vessel: CASCO Year built: 1943 Length: 311 feet Displacement: 2250 tons Tech. Comp.: 14 Home Port: Boston, Mass.	Tropical Atlantic	Co	4		20 Jul - 1 Sep 1963

Vessel	Area of Operation	Type of Work	Space Avail. for Scientists from Other Organ.	Cruise Period
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5 Ocean Stations (occupied by 3 types of Coast Guard cutters with the following general characteristics:  
For further information on Ocean Stations contact Comdt, U. S. Coast Guard, (OSR), Wash. 25, D. C.

Year built: 1943 - 1946

Length: 255 feet, 311 feet, 327 feet

Displacement: 1850 tons - 2250 tons

Tech. Comp.: 4

Home Ports: Boston, New York, Norfolk, Seattle, San Francisco and Los Angeles

Station Bravo:	56-30N 51-00W	Bt, Ch, M, P, Sa, T, W	2	One-month cruises throughout the year
Station Charley	52-45N 35-30W	"	"	"
Station Delta	44-00N 41-00W	Bt, Ch, M, P, " Sa, T, W	"	"
Station Echo	35-00N 48-00W	"	"	"
Station November	30-00N 140-00W	"	"	"

Activity: U. S. Naval Oceanographic Office

Vessel: USS TANNER (AGS-15)

Year built: 1944

Length: 426 feet

Displacement: 6500 tons

Tech. Comp.: 7

Home Port: New York, N.Y.

B, Ba, Be, GS

No

Jul - Nov 1963

Feb - Jun 1964

Vessel	Area of Operation	Type of Work	Space Avail. for Scientists from Other Organ.	Cruise Period
Vessel: USS REQUISITE (AGS-18) Year built: 1944 Length: 221 feet Displacement: 1200 tons Tech. Comp.: 10 Home Port: New York, N. Y.	North Atlantic  West Indies	B, Ba, Bt  "	No  "	Jul - Oct 1963  May - Jun 1964
Vessel: USS MAURY (AGS-16) Year built: 1944 Length 426 feet Displacement: 6500 tons Tech. Comp.: 7 Home Port: Pearl Harbor, Hawaii	South China Sea	B, Ba, Bt, GS	No	Sep 1963 - May 1964
Vessel: USS SERRANO (AGS-24) Year built: 1944 Length: 205 feet Displacement: 1680 tons Tech. Comp.: 10 Home Port: Pearl Harbor, Hawaii	South China Sea	B, Ba, Bt, Ch, Cu, P, Sa, T, W	No	Sep 1963 - May 1964
Vessel: USS SHELDRAKE (AGS-19) Year built: 1944 Length: 221 feet Displacement: 1200 tons Tech. Comp.: 10 Home Port: New York, N.Y.	West Indies (Bahamas)	B, Ba, Bt, Ch, Cu, P, Sa, T, W	No	Jun 1963 - Jul 1964
Vessel: USS PREVAIL (AGS-20) Year built: 1944 Length: 221 feet Displacement: 1200 tons Tech. Comp.: 10 Home Port: New York, N. Y.	Western Atlantic	Co	No	Jun 1963 - Dec 1963

Vessel	Area of Operation	Type of Work	Space Avail. for Scientists from Other Organ.	Cruise Period
Vessel: USS SAN PABLO (AGS-30) Year built: 1944 Length: 311 feet Displacement: 2720 tons Tech. Comp.: 17 Home Port: Philadelphia, Pa.	West Indies (Bahamas)	Co	No	Jul 63 - Jun 64
Vessel: USS REHOBOTH (AGS-50) Year built: 1944 Length: 311 feet Displacement: 2720 tons Tech. Comp.: 17 Home Port: San Francisco, Calif.	North and Eastern Pacific	Co	No	Jul 63 - Jan 64
Vessel: USS ARCHERFISH (Submarine AGSS-311) Year built: 1945 Length: 330 feet Displacement 2220 tons Tech. Comp.: 3 Home Port: Pearl Harbor, Hawaii	North and Central	Ba, G, T, Un, W	No	Jul 63 - Jun 64
Vessel: USS LITTLEHALES (AGSC-15) Year built: 1944 Length: 132 feet Displacement: 600 tons Tech. Comp.: 3 Home Port: Norfolk, Virginia	U.S. East Coast, Chesapeake Bay, and Bahamas	B, Ba, Cu, T, P, Un, W	No	Sep 63- Jun 64



Vessel	Area of Operation	Type of Work	Space Avail. for Scientists from Other Organ.	Cruise Period
Vessel: USNS GILLISS (AGOR-4) Year built: 1962 Length: 209 feet Displacement: 1370 tons Tech. Comp.: 15 Home Port: New York, N.Y.	Atlantic along U. S. East Coast Numerous short cruises for various NAVOCEANO and Navy Lab projects	Co	Yes	Jul 63 - Jun 64
Vessel: USNS DAVIS (AGOR-5) Year built: 1962 Length: 209 feet Displacement: 1370 tons Tech. Comp.: 15 Home Port: San Diego, Calif.	Pacific along U.S. West Coast Numerous short cruises for various NAVOCEANO and Navy Lab projects	Co	Yes	Jul 63 - Jun 64
Vessel: USNS SANDS (AGOR-6) Year built: 1963 Length: 209 feet Displacement: 1370 tons Tech. Comp.: 15 Home Port: Not yet assigned	Shakedown cruises probably along U.S. East Coast Ship will be delivered Jan 1964.	Shakedown of ship before assignment on full time oceanography.	Yes	Feb 64- Jun 64
Vessel: USNS LYNCH (AGOR-7) Year built: 1963 Length: 209 feet Displacement: 1370 tons Tech. Comp.: 15 Home Port: Not yet assigned	Shakedown cruises probably along U.S. East Coast. Ship will to be delivered in Feb. 64.	Shakedown of ship before full time assignment on oceanography.	Yes	Mar 64 - Jun 64
Vessel: AGS-25 Year built: 1964 Length: 209 feet Displacement: 1370 tons Tech. Comp.: 15 Home Port: Not yet assigned	Shakedown cruises probably along U.S. East Coast. Ship will be delivered in Mar 64.	Shakedown of ship before full time assignment on oceanographic surveys.	Yes	Apr 64 - Jun 64

Vessel	Area of Operation	Type of Work	Space Avail. for Scientists from Other Organ.	Cruise Period
Activity: University of Washington				
Vessel: BROWN BEAR	Short cruises in vicinity	Co, St	1 to 4	Various short cruises
Year built: 1934	Puget Sound, Cobb			cruises of 1 to 3
Length: 114 feet	Seamount, and waters off			week duration.
Displacement: 750 tons	coast of Washington.			
Tech. Comp.: 21				
Home Port: Seattle, Wash.				
Vessel: HOH				
Year built: 1943	Puget Sound	Various	1	Short 3-10 day
Length: 65 feet				cruises in July and
Displacement: 91 tons				August 1963. No firm
Tech. Comp.: 8				schedule beyond Aug 63.
Home Port: Seattle, Wash.				
Activity: Oregon State University				
Vessel: ACONA	Waters off coast of	Co	2 to 4	No firm schedule but
Year built: 1961	Oregon			numerous short cruises
Length: 80 feet				from Newport, Oregon
Displacement: 154 tons				
Tech. Comp.: 8				
Home Port: / Newport, Oregon				
Activity: Scripps Institution of Oceanography				
Vessel: AGASSIZ	Coast of California	Bt, Ch, Cu, F, Inst,	Yes	3 Jul - 21 Aug 1963
Year built: 1944	and Baja California	M, P, Sa, T		
Length: 179 feet 10 inches				
Displacement: 825 tons	Hawaii to Kodiak	Bt, Cu, F, I, P	Yes	4 Sep - 20 Oct 1963
Tech. Comp.: 14				
Home Port: San Diego, Calif.	California coast	F	Yes	1 Nov - 20 Nov 1963

Vessel	Area of Operation	Type of Work	Space Avail. for		Cruise Period
			Scientists from	Other Organ.	
Vessel: AGASSIZ (cont.)	California coast	Bt, Ch, Cu, F, Inst M, P, Sa, T	No		Jan - Feb 1964
	California coast	"	"		Apr - May 1964
Vessel: ARGO	South Atlantic	Ba, Bt, Ch, G, Ma, I, T, Sa	No		May 62 - 15 Aug 63
Year built: 1944	Upkeep	"	"		Sep 63 - May 64
Length: 213 feet	Central Pacific	Co	No		1 Apr - 30 Jun 64
Displacement: 2079 feet	(tentative)				
Tech. Comp.: 24	Local cruises out of	Inst	No		12 Aug - 30 Sep 63
Home Port: San Diego, Calif.	San Diego				
Vessel: BAIRD	S. E. Pacific	B, T, Ba, Ma	No		10 Oct - 15 Dec 63 (tentative)
Year built: 1944	Indian Ocean	B, Ba, Bf, Bt, G, Ma, T	No		15 Jan - 15 Jul 64
Length: 143 feet	Caribbean, South Atlantic	Co, St	No		14 Jun - 16 Sep 63
Displacement: 997 tons	California coast	Co, St	No		1 Oct 63 - 30 Jun 64
Tech. Comp.: 15	Short cruises from San				
Home Port: San Diego, Calif.	Diego				

Vessel	Area of Operation	Type of Work	Space Avail. for Scientists from Cruise Period Other Organ.	
Vessel: OCONOSTOTA Year built: 1944 Length: 102 feet Displacement: 206 tons Tech. Comp.: 4 Home Port: San Diego, Calif.	Local one to two week cruises out of San Diego	Ba, Inst, Sei, T, U, W	No	No firm schedule but numerous short cruises out of San Diego
Vessel: PAOLINA - T Year built: 1944 Length: 80 feet 3 inches Displacement: 170 tons Tech. Comp.: 5 Home Port: San Diego, Calif.	Short local cruises in southern California waters	Inst	No	No firm schedule but numerous short cruises out of San Diego
Vessel: H. M. SMITH Year built: 1945 Length: 128 feet Displacement: 561 tons Tech. Comp.: 10 Home Port: San Diego, Calif.	N. California, S. Alaska Gulf of California Gulf of California Baja California California coast	F, I, Sei B, Sei F, I B, Sei	No No No No	15 Jul - 31 Aug 63 1 Oct - 30 Nov 63 Jan 64 (tentative) Feb 64 Short local cruises from San Diego after 1 Mar 64.
Activity: Agricultural and Mechanical College of Texas Vessel: ALAMINOS Year built: Length: 180 feet Displacement: 740 tons Tech. Comp.: 14 Home Port: Galveston, Texas	Equatorial Atlantic Gulf of Mexico Gulf of Mexico and Caribbean	Co Co Co	2 4 4	15 Jul - 15 Sep 63 Oct - Nov 63 No firm schedule but short local cruises after 1 Jan 64.

Vessel	Area of Operation	Type of Work	Space Avail. for Scientists from Other Organ.	Cruise Period
Activity: University of Miami Vessel: GERDA Year built: 1948 Length: 75 feet Displacement: 135 tons Tech. Comp.: 5 Home Port: Miami, Florida	Florida Straits, Bahamas, Yucatan Channel	Co	No	Short cruises not exceeding 10 days per cruise.
Vessel: JOHN ELLIOTT PILLSBURY Year built: 1943 Length: 176 feet 6 inches Displacement: 935 tons Tech. Comp.: 20 Home Port: Miami, Fla.	Caribbean	Co	No	3 Jul - 13 Jul 63
	Equatorial Atlantic	Co	No	14 Jul - 14 Sep 63
	N. Tropical Atlantic	Co	No	15 Sep - 31 Oct 63
	Bermuda, Caribbean	Co	No	Nov 63
	Equatorial Atlantic	B, Be, Ch, P, St	No	Jan - Mar 64
	Gulf of Mexico, Florida Straits	Be, I, P, St	No	May 64
	N. Tropical Atlantic	Co	No	Jun 64
Activity: Hudson Laboratory Vessel: USNS JOSTIAH GIBBS Year built: 1944 Length: 300 feet Displacement: 2800 tons Tech. Comp.: 24 Home Port: New York, N.Y.	Bermuda, Caribbean	U, Ba, T, Se, Inst	Yes	Jul - Nov 63
	Equatorial Atlantic	Cu	Yes	Dec 63
	Bermuda, Caribbean	U, W, Ba, Ch, Sa, Bt,	Yes	Jan - May 64
	Equatorial Atlantic	U, Inst	Yes	Jun 64

Vessel	Area of Operation	Type of Work	Space Avail. for Scientists from Other Organ.	Cruise Period
Activity: Lamont Geological Observatory				
Vessel: CONRAD	Enroute Indian Ocean	Co, St	Yes	1 Jul - 19 Aug 63
Year built: 1962				
Length: 208 feet	South Indian Ocean	Co, St	Yes	22 Aug - 30 Nov 63
Displacement: 1370 tons				
Tech. Comp.: 15	Enroute New York	Co, St	Yes	1 Dec 63 - 30 Jan 64
Home Port: New York, N.Y.	No firm schedule after return to N.Y. about 1 Feb 64.			
Vessel: VEMA				
Year built: 1923	Indian Ocean	Co, St	Yes	Jul - Aug 63
Length: 200 feet	Eastern South Atlantic	Co, St	Yes	Sep - Oct 63
Displacement: 734 tons				
Tech. Comp.: 17	Nova Scotian waters	Co, St	Yes	1 - 11 Nov 63
Home Port: New York	North Atlantic	Co, St	Yes	1 Jan - 30 Jun 64
Activity: Narragansett Marine Laboratory				
Vessel: TRIDENT	Bermuda	P, U	Yes	12 - 25 Jul 63
Year built: 1944				
Length: 180 feet	New England Shelf	B, Ba, Bf	Yes	29 Jul - 12 Aug 63
Displacement: 856 tons				
Tech. Comp.: 13	Spitzbergen	Ma	Yes	15 Aug - 30 Sep 63
Home Port: Narragansett, Rhode Island	Bermuda	P, U	Yes	2 - 15 Oct 63
	Bermuda	P, U	Yes	Dec 63
	No firm area after 1 Jan 64.			
				No firm schedule after 1 Jan 64.

Vessel	Area of Operation	Type of Work	Space Avail. for Scientists from Other Organ.	Cruise Period
Activity: Woods Hole Oceanographic Institution				
Vessel: ATLANTIS I	North West Atlantic in vicinity of Woods Hole	B, Ba, Be, St	No	10 Jun - 20 Sep 63
Year built: 1931				
Length: 142 feet				
Displacement: 500 tons				Ship only operates now during summer periods.
Tech. Comp.: 9				
Home Port: Woods Hole, Mass.				
Vessel: ATLANTIS II	Western Indian Ocean	Ba, Bt, Cu, Sa, T	No	1 Jul - 20 Dec 63
Year built: 1962				
Length: 210 feet	Western North Atlantic	Ba, Bt, Cu, Sa, T	No	10 Jan - 30 Apr 64
Displacement: 2300 tons				
Tech. Comp.: 25				
Home Port: Woods Hole, Mass.				
Vessel: CHAIN	N.W. Atlantic	Ba, Bt, F, U	No	6 - 15 Jul 63
Year built: 1944				
Length: 213 feet	N.W. Atlantic	Ba, Bt, P	No	17 - 26 Jul 63
Displacement: 2100 tons	N.W. Atlantic	Ba, Bt, Cu	No	2 - 15 Aug 63
Tech. Comp.: 23				
Home Port: Woods Hole, Mass	Western Indian Ocean	Co	No	9 Sep 63 - 9 Feb 64
	N.W. Atlantic	Co	No	Local cruises from Woods Hole after 1 Mar 64.
Vessel: CRAWFORD	S. Caribbean	Ba, Bt, M	No	15 Jul - 1 Sep 63
Year built: 1927				
Length: 125 feet	N.W. Atlantic	Ba, Bt, Ch	No	1 - 5 Oct 63
Displacement: 322 tons	N.W. Atlantic	various	No	Local short cruises after 1 Nov 63.
Tech. Comp.: 8				
Home Port: Woods Hole, Mass.				

Vessel	Area of Operation	Type of Work	Space Avail. for Scientists from Other Organ.	Cruise Period
Vessel: GOSNOLD	East Coast Continental Shelf	Ch, P	No	8 - 22 Jul 63
Year built: 1943		Inst	No	24 - 28 Jul 63
Length: 99 feet		B, Ba	No	5 - 29 Aug 63
Displacement: 304 tons		Inst	No	3 - 7 Sep 63
Tech. Comp.: 7		B, Ba	No	1 - 24 Oct 63
Home Port: Woods Hole, Mass.		Inst	No	4 - 8 Nov 63
		B, Ba	No	22 Nov - 21 Dec 63
	various		Local short cruises after 1 Jan 64	